

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A network managing method for providing a device list that includes a plurality of records, each record including a plurality of device information corresponding respectively to a plurality of items, and each of the plurality of items represents a kind of the device information included in each record, said network managing method comprising:

designating, at a management device, from among the plurality of items, at least one display-target item to be displayed on the device list, wherein, from among the plurality of device information included in each record of the device list, device information corresponding to the designated display-target items are set to be displayed while the device information corresponding to the items not designated as a display-target item are not set to be displayed in the device list, and designating any one of the plurality of items, which were not designated as a display-target item, as a sort-item, wherein, ~~based on the items designated as a display-target,~~ a display order of the plurality of records to be included in the device list is rearranged according to a content of the device information corresponding to the designated sort-item;

a setting step of setting the designated sort-item as a display-target item to be displayed in the device list even though the item has not been designated as a display-target item in the designating step;

a rearranging step of rearranging the records in the device list according to the content of the device information corresponding to the designated sort-item; and

a display step of displaying the device list rearranged in the rearranging step, including the device information corresponding to the designated display-target items and the designated sort-item.

2. (Previously Presented) The method according to claim 1, wherein the device list is displayed on a display area of a display.

3. and 4. (Canceled)

5. (Previously Presented) The method according to claim 1, further comprising:

a detection step of detecting a plurality of devices connected to a network;

a device information obtaining step of obtaining device information from the detected plurality of devices; and

a device list generation step of generating device list data representing the device list based on the obtained device information.

6. (Previously Presented) The method according to claim 5, further comprising a storing step of storing the obtained device information in a memory area, and,

in the device list generation step, generating the device list data based on the device information stored in the memory area.

7. (Previously Presented) The method according to claim 5, further comprising:

a transmitting step of transmitting the generated device list data to the network; and

a display controlling step of analyzing the transmitted device list data and having a display area display the device list.

8. (Previously Presented) The method according to claim 7, wherein said device list data is data described in HTML, and in the device list transmitting step the device list data is transmitted to the network using an HTTP protocol.

9. (Previously Presented) The method according to claim 8, wherein each of the plurality of devices is a printer.

10. (Previously Presented) The method according to claim 1, wherein the plurality of items of device information comprise a device name, a device product name, a location of device installation, a device network address, and a device MAC address.

11. (Currently Amended) A management device for providing a device list that includes a plurality of records, each record including a plurality of device information corresponding respectively to a plurality of items, and each of the plurality of items represents a kind of the device information included in each record, comprising:

a processor;

a memory;

designating means for designating, from among the plurality of items, at least one display-target item to be displayed on the device list, wherein, from among the plurality of device information included in each record of the device list, device information corresponding to the designated display-target items are set to be displayed while the device information corresponding to the items not designated as a display-target item are not set to be displayed in the device list, and designating any one of the plurality of items, which were not designated as a display-target item, as a sort-item, wherein, ~~based on the items designated as a display-target,~~ a display order of the plurality of records to be included in the device list is rearranged according to a content of the device information corresponding to the designated sort-item;

setting means for setting the designated sort-item as a display-target item to displayed in the device list even though the item has not been designated as a display-target item in the designating means;

rearranging means for rearranging records in the device list according to the content of the device information corresponding to the designated sort-item designated by said designating means; and

displaying means for displaying the device list rearranged in the rearranging means, including the device information corresponding to the designated display-target items and the designated sort-item.

12. (Previously Presented) The device according to claim 11, wherein said device list is displayed in a display area of a display.

13. and 14. (Canceled)

15. (Previously Presented) The device according to claim 11, further comprising:

detecting means for detecting a plurality of devices connected to a network;

device information obtaining means for obtaining device information from the detected plurality of devices; and

device list generating means for generating device list data representing the device list based on the obtained device information.

16. (Previously Presented) The device according to claim 15, further comprising memory means for storing the obtained device information, wherein the device list generating means generates the device list data based on the device information stored in the memory means.

17. (Previously Presented) The device according to claim 15, further comprising transmitting means for transmitting the generated device list data to an external device, wherein the external device analyzes the transmitted device list data and has a display area display the device list.

18. (Previously Presented) The device according to claim 17, wherein the device list data is data described in HTML and the device list transmitting means transmits the device list data to the network using an HTTP protocol.

19. (Previously Presented) The device according to claim 18, wherein each of the plurality of devices is a printer.

20. (Previously Presented) The device according to claim 11, wherein the plurality of items of device information comprise a device name, a device product name, a location of device installation, a device network address, and a device MAC address.

21. to 25. (Canceled)

26. (Currently Amended) A computer-readable storage medium on which is stored a computer-executable program to provide a device list that includes a plurality of records, each record including a plurality of device information corresponding respectively to a plurality of items, and each of the plurality of items represents a kind of the device

information included in each record, the program, when executed, perform the steps of:

designating, from among the plurality of items, at least one display-target item to be displayed on the device list, wherein, from among the plurality of device information included in each record of the device list, device information corresponding to the designated display-target items are set to be displayed while the device information corresponding to the items not designated as a display-target item are not set to be displayed in the device list, and designating any one of the plurality of items, which were not designated as a display-target item, as a sort-item, wherein, ~~based on the items designated as a display-target~~, a display order of the plurality of records to be included in the device list is rearranged according to a content of the device information corresponding to the designated sort-item;

a setting step of setting the designated sort-item as a display-target item to be displayed in the device list even though the item has not been designated as a display-target item in the designating step;

a rearranging step of rearranging the records in the device list according to the content of the device information corresponding to the designated sort-item; and

a display step of displaying the device list rearranged in the rearranging step, including the device information corresponding to the designated display-target items and the designated sort-item.

27. (Previously Presented) The storage medium according to claim 26, wherein the program further comprises a display step having a display area display the device list.

28. and 29. (Canceled)

30. (Previously Presented) The storage medium according to claim 26, wherein the program further comprises the steps of:

- a detection step of detecting a plurality of devices connected to a network;
- a device information obtaining step of obtaining device information from the detected plurality of devices; and
- a device list generation step of generating device list data representing the device list based on the obtained device information.

31. (Currently Amended) A method of providing a data list that displays data that includes a plurality of records, each record including a plurality of data corresponding respectively to a plurality of items, and each of the plurality of items represents a kind of the data information included in each record, comprising the steps of:

- designating, at a management device, from among the plurality of items, at least one display-target item to be displayed on the data list, wherein, from among the plurality of data included in each record of the data list, data corresponding to the designated display-target items are set to be displayed while the data corresponding to the



items not designated as a display-target item are not set to be displayed in the data list, and designating any one of the plurality of items, which were not designated as a display-target item, as a sort-item, wherein, ~~based on the items designated as a display-target,~~ a display order of the plurality of records to be included in the data list is rearranged according to a content of the data corresponding to the designated sort-item;

a setting step of setting the designated sort-item as a display-target item to be displayed in the data list even though the item has not been designated as a display-target item in the designating step;

a rearranging step of rearranging the records in the data list according to the content of the data corresponding to the designated sort-item; and

a display step of displaying the data list rearranged in the rearranging step, including the data information corresponding to the designated display-target items and the designated sort-item.

32. (Original) The method according to claim 31, further comprising a display step of making a display area display the data list.

33. and 34. (Canceled)

35. (Currently Amended) A device for providing a data list that displays data that includes a plurality of records, each record including a plurality of data

corresponding respectively to a plurality of items, and each of the plurality of items represents a kind of the data information included in each record, comprising:

a processor;

a memory;

designating means for designating, from among the plurality of items, at least one display-target item to be displayed on the data list, wherein, from among the plurality of data included in each record of the data list, data corresponding to the designated display-target items are set to be displayed while the data corresponding to the items not designated as a display-target item are not set to be displayed in the data list, and designating any one of the plurality of items, which were not designated as a display-target item, as a sort-item, wherein, ~~based on the items designated as a display-target~~, a display order of the plurality of records to be included in the data list is rearranged according to a content of the data corresponding to the designated sort-item;

setting means for setting the designated sort-item as a display-target item to be displayed in the data list even though the item has not been designated as a display-target item in the designating means;

rearranging means for rearranging the records in the data list according to the content of the data corresponding to the designated sort-item designated by said designating means; and

display means for displaying the data list rearranged in the rearranging means, including the device information corresponding to the designated display-target items and the designated sort-item.

36. (Original) The device according to claim 35, further comprising displaying means for making a display area display the data list.

37. to 42. (Canceled)

43. (Currently Amended) A computer-readable storage medium on which is stored a computer-executable program for providing a data list that displays data that includes a plurality of records, each record including a plurality of data corresponding respectively to a plurality of items, and each of the plurality of items represents a kind of the data information included in each record, wherein said program, when executed, perform the steps of:

designating, from among the plurality of items, at least one display-target item to be displayed on the data list, wherein, from among the plurality of data included in each record of the data list, data corresponding to the designated display-target items are set to be displayed while the data corresponding to the items not designated as a display-target item are not set to be displayed in the data list, and designating any one of the plurality of items, which were not designated as a display-target item, as a sort-item, wherein, ~~based on the items designated as a display-target,~~ a display order of the plurality of records to be included in the device list is rearranged according to a content of the data corresponding to the designated sort-item;

a setting step of setting the designated sort-item as a display-target item to be displayed in the data list even though the item has not been designated as a display-target item in the designating step;

a rearranging step of rearranging the records in the data list according to the content of the data corresponding to the designated sort-item; and

a display step of displaying the data list rearranged in the rearranging step, including the device information corresponding to the designated display-target items and the designated sort-item.

44. (Previously Presented) The storage medium according to claim 43, wherein the program further comprises a display step of displaying the data list on a display area.

45. to 52. (Canceled)

53. (Previously Presented) A method according to Claim 1, further comprising a judging step of judging whether or not the designated sort-item has been designated as a display-target item.

54. (Previously Presented) The device according to Claim 11, further comprising judging means for judging whether or not the designated sort-item has been designated as a display-target item.

55. (Canceled)

56. (Previously Presented) The storage medium according to Claim 26, further comprising a judging step of judging whether or not the designated sort-item has been designated as a display-target item.

57. (Previously Presented) The method according to Claim 31, further comprising a judging step of judging whether or not the designated sort-item has been designated as a display-target item.

58. (Previously Presented) The device according to Claim 35, further comprising a judging means for judging whether or not the designated sort-item has been designated as a display-target item.

59. (Canceled)

60. (Previously Presented) The storage medium according to Claim 43, further comprising a judging step of judging whether or not the designated-sort item has been designated as a display-target item.